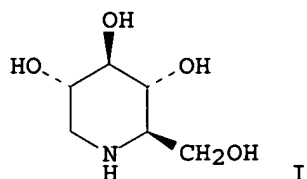


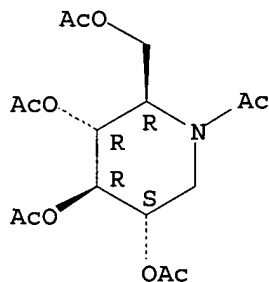
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GI



AB A new piperidine alkaloid, moranoline (I), m.p. 204-5°, C₆H₁₃NO₄,
was isolated from Morus. The structure of moranoline was determined as
(2R,3R,4R,5S)-2-hydroxymethyl-3,4,5-trihydroxypiperidine by spectral anal.
AN 1977:167851 CAPLUS
DN 86:167851
TI The structure of moranoline, a piperidine alkaloid from Morus species
AU Yagi, Masahiro; Kouno, Tatsuhiko; Aoyagi, Yoshiaki; Murai, Hiromu
CS Res. Lab., Nippon Shinyaku Co., Ltd., Kyoto, Japan
SO Nippon Nogei Kagaku Kaishi (1976), 50(11), 571-2
CODEN: NNKKAA; ISSN: 0002-1407
DT Journal
LA Japanese
IT 19130-97-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 19130-97-3 CAPLUS
CN 3,4,5-Piperidinetriol, 1-acetyl-2-[(acetyloxy)methyl]-, triacetate
(ester), [2R-(2α,3β,4α,5β)]- (9CI) (CA INDEX NAME)

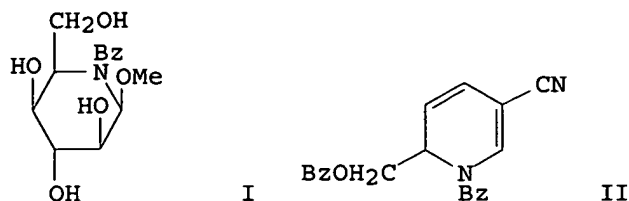
Absolute stereochemistry.



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AB 1-O-Methyl-5-benzamido-5-deoxy-DL-idopiperidinose (I) was synthesized from the dihydropyridine derivative II by stereoselective introduction of the hydroxyl function.

AN 1977:140353 CAPLUS

DN 86:140353

TI Synthetic studies on amino sugars from pyridines. III. Synthesis of 1-O-methyl-5-benzamido-5-deoxy-dl-idopiperidinose

AU Natsume, Mitsutaka; Wada, Moritaka

CS Res. Found. Itsuu Lab., Tokyo, Japan

SO Chemical & Pharmaceutical Bulletin (1976), 24(11), 2657-60

CODEN: CPBTAL; ISSN: 0009-2363

DT Journal

LA English

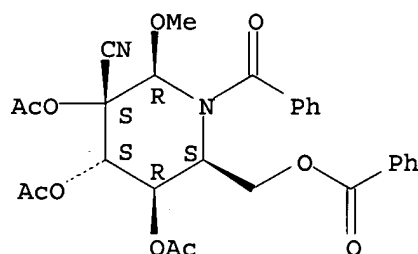
IT 62218-37-5P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and hydrolysis with sodium methoxide)

RN 62218-37-5 CAPLUS

CN 3-Piperidinecarbonitrile, 3,4,5-tris(acetyloxy)-1-benzoyl-6-
[(benzoyloxy)methyl]-2-methoxy-, (2 α ,3 β ,4 β ,5 α ,6 α)-
a.)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



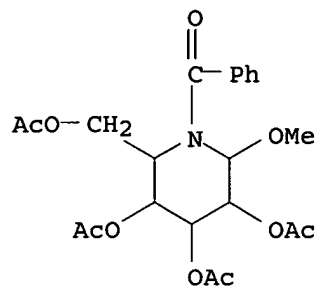
IT 62218-38-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and saponification of)

RN 62218-38-6 CAPLUS

CN 3,4,5-Piperidinetriol, 2-[(acetyloxy)methyl]-1-benzoyl-6-methoxy-,
triacetate (ester), (2 α ,3 α ,4 β ,5 α ,6 α)- (9CI)
(CA INDEX NAME)

2/4/05



IT 62218-39-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 62218-39-7 CAPLUS

CN 3,4,5-Piperidinetriol, 1-benzoyl-2-(hydroxymethyl)-6-methoxy-,
(2 α ,3 α ,4 β ,5 α ,6 α) - (9CI) (CA INDEX NAME)

Relative stereochemistry.

